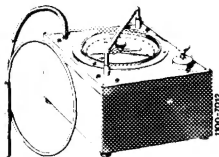


Special tool

Vacuum tester



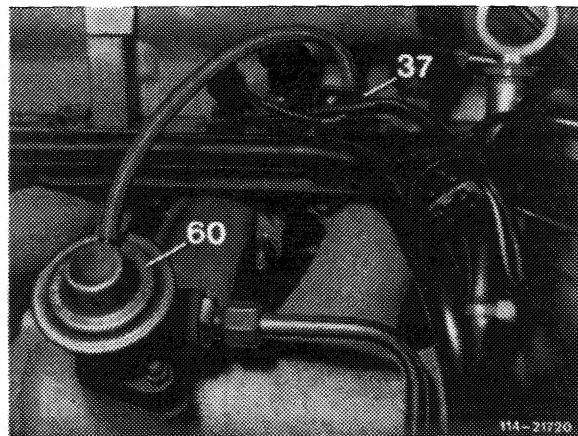
116 589 25 21 00

Conventional tool

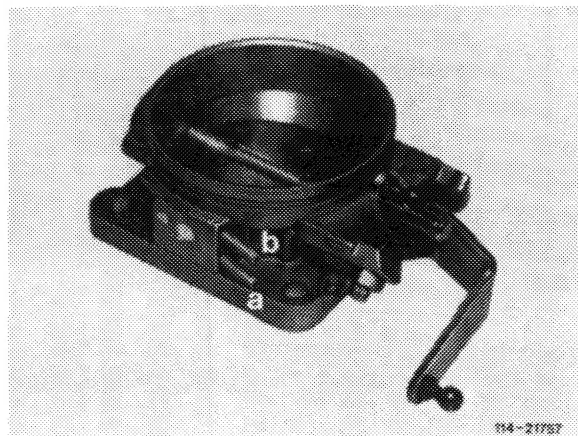
Revolution counter

Testing EGR

1 Pull vacuum line from EGR valve (60), plug-on test hose and activate with vacuum. If operation of engine is not getting clearly worse, replace EGR valve.

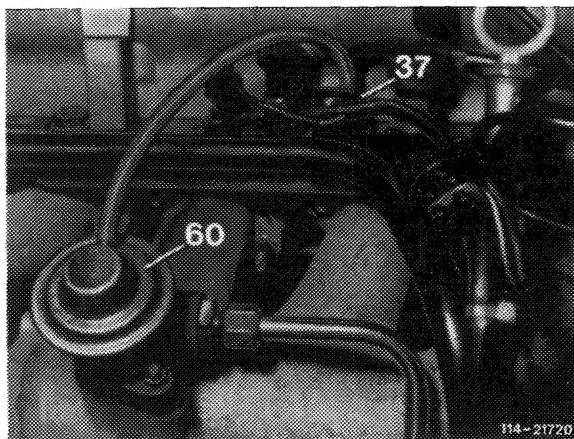


2 Check activation of EGR valve. Pull off vacuum line at EGR valve (60) and connect to vacuum tester. Increase engine speed slowly to approx. 3000 rpm. There should be no vacuum up to approx. 1800 rpm. Vacuum connections on throttle valve housing may be mixed up.

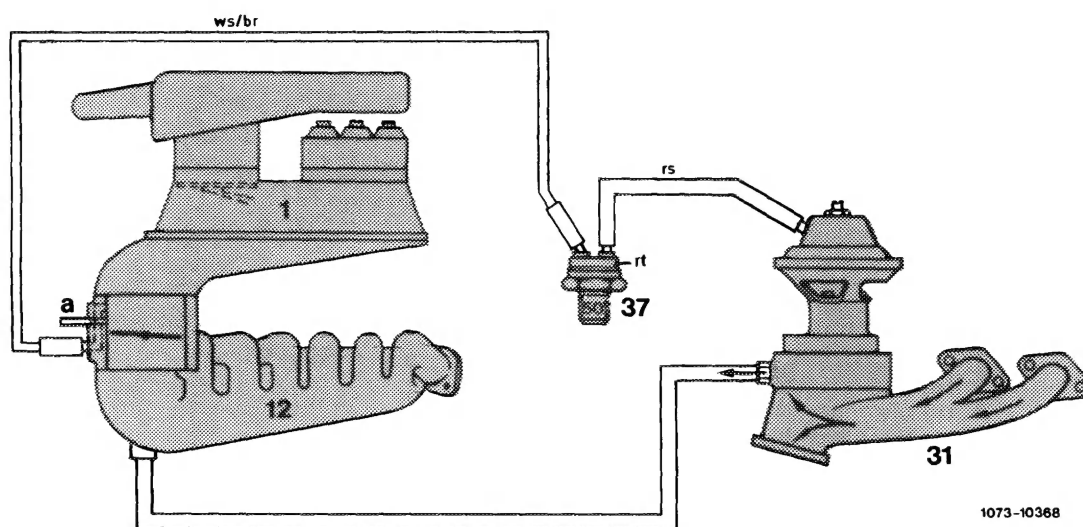


a To thermostatic valve for EGR
b To ignition distributor

3 Check thermovalve (37) 50 °C. Pull vacuum line white/brown/purple from EGR valve and activate with vacuum. At coolant temperatures < 50 °C no passage on thermovalve.



Function diagram EGR

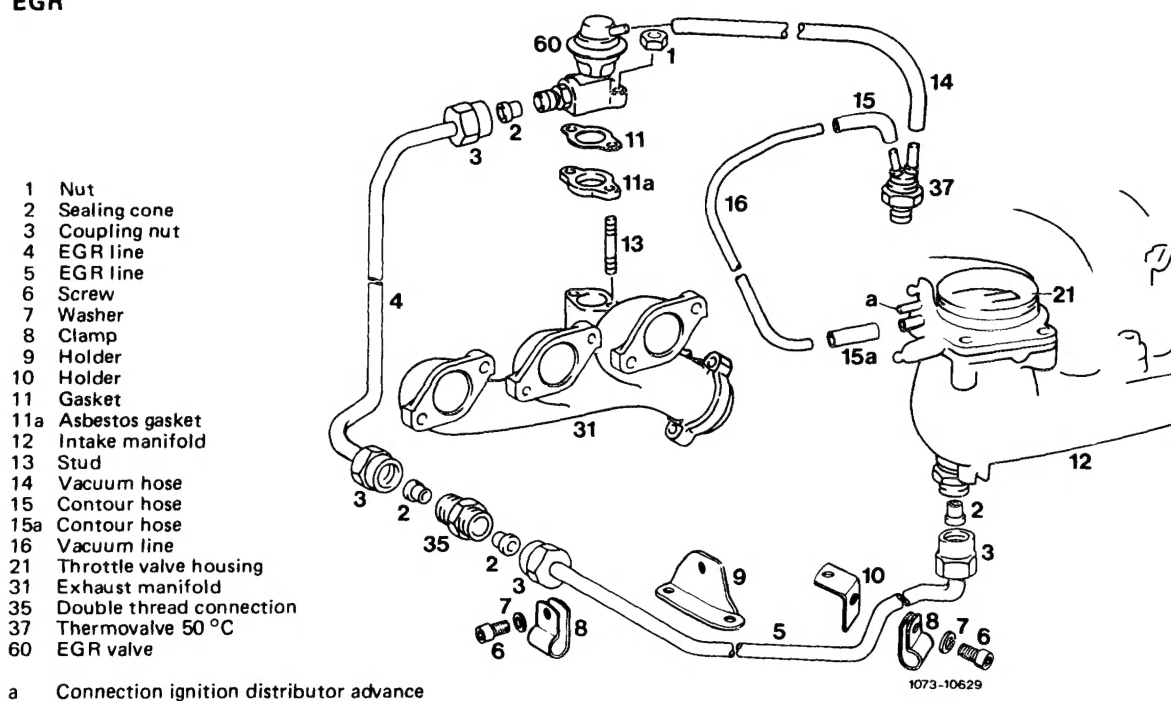


1 Mixture controller
12 Intake manifold
31 Exhaust manifold

37 Thermovalve 50 °C
60 EGR valve
a To ignition distributor

Color code
br = brown
rs = pink
rt = red
ws = white

EGR



Installation: September 1981

| Model | Engine | Engine end No. | | Chassis end No. | |
|---------|---------|------------------------|---------------------------|-----------------------|----------------------------|
| | | manual transmission | automatic transmission | Installation mixed | Installation continuous |
| 107.042 | 110.990 | | | 010107-011567 | 011569 |
| 123.007 | 110.988 | start of series | | 085174-096468 | 096496 |
| 123.033 | | | | 024129-024416 | 024417 |
| 123.053 | | | | 010064-010252 | 010253 |
| 123.093 | | | | | |
| 126.022 | 110.989 | | | 021381-043198 | 043199 |
| 126.023 | | | | 039922-042786 | 042787 |